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International Specialists in the Environment

2101 Fourth Avenue, Suite 1900, Seattle, WA 98121

Tel: (206) 624-9537, Fax: (206) 621-9832

June 28, 2005

CONFIDENTIAL

Ken Marcy, Task Monitor
U.S. Environmental Protection Agency
1200 Sixth Avenue, Mail Stop ECL-115
Seattle, Washington 98101

RE: Contract No. 68-S0-01-01
TDD: 03-08-0006

Dear Mr. Marcy

Enclosed please find the planning budget for the Atka Cape Kudugnak Preliminary Assessment (PA)/Site Inspection(SI). This estimate is based on an assumed level of effort and costs. As shown in the attached documents, the original ceiling hours and dollars will be sufficient to cover anticipated expenses. Should the conditions encountered require a modification of our estimate, a revised budget plan will be provided.

Please do not hesitate to contact me at (206) 624-9537 if you have any questions or comments.

Sincerely,

for Linda Foster
START-2 Project Leader

cc. Dhroov Shivjiani, START-2 Program Manager, E & E, Seattle
Mark Woodke, START-2 Project Manager, E & E, Seattle

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BUDGET AND ASSUMPTIONS
Atka Cape Kudugnak Preliminary Assessment/Site Inspection
TDD: 03-08-0006

The following proposed level of effort (LOE) for the Atka Cape Kudugnak Preliminary Assessment (PA)/Site Inspection (SI) is based on the technical work described below. The anticipated work is based on the tasks identified through file review and conversations with the U.S. Environmental Protection Agency (EPA) Task Monitor. The estimate of the LOE hours assigned to each task is provided in the attached table.

The Atka Cape Kudugnak PA/SI field work is planned for completion under one field event, and will be outlined in the Sampling and Quality Assurance Plan (SQAP). Labor and direct cost estimates are based on the following assumptions:

- Project Development: The site is located approximately 10 miles northeast of Atka, Alaska, in the remote Aleutian Islands. Previous reports were reviewed for preparation of the SQAP. Site access has been obtained from the property owner (the Atxam Corporation, the local native corporation (b)(4) 1-95). A site visit was not performed due to the remoteness of the site. File review (b)(4) 1-95) and budgeting (b)(4) 1-95) have been completed. Developing a site-specific health and safety plan (b)(4) 1-95) will be completed this week.
- SQAP: Production of the draft SQAP has been completed and took approximately 135 hours. Additional hours were required to assemble various reports from several sources. Incorporation of EPA comments and delivery of the final SQAP are expected to take approximately (b)(4) 1-95.
- Subcontracts: One subcontract is expected to be awarded to complete the fieldwork. Local personnel will be used to assist in finding the site and potential areas of concern. The LOE estimated for procuring and managing the subcontract is (b)(4) 1-95. The estimated subcontract cost is \$(b)(4) 1-95.
- Fieldwork: It is estimated that (b)(4) 1-95) will be required by two START-2 personnel to complete the on-site sampling activities. The field team will consist of a field team leader (project manager) and a sampler/sample documentation custodian. The fieldwork estimate includes (b)(4) 1-95. The field personnel will travel from Seattle, Washington, then to Atka, Alaska, via commercial airline service. Lodging will be procured in Atka, Alaska, the only city on Atka Island and approximately 10 miles via all-terrain vehicle (ATV) from the site. Field preparation, mobilizing to the field, performing the field event, and demobilizing from the site are expected to take approximately (b)(4) 1-95 hours. Deviations from the SQAP may require additional LOE hours.
- Analytical Services: All samples will be analyzed for EPA Target Analyte List (TAL) inorganic elements, semivolatile organic compounds (SVOCs), volatile organic compounds (VOCs), and chlorinated pesticides/polychlorinated biphenyls (pesticides/PCBs). It is assumed that all laboratory sample analyses will be performed by the EPA laboratory and/or CLP designee.
- Data Management/Global Information System (GIS) Analysis: Global positioning system units will be used to locate sample locations. A GIS analysis will then be performed on these sample locations and corresponding analytical results to generate sample location and concentration maps. Data summary tables will be compiled and then evaluated using the automated Hazardous

Ranking System (HRS) program. It is estimated that (b)(4) 1-95 will be needed for data management.

- Data Validation: LOE estimates for data validation are based on the assumption that EPA laboratory chemists will perform the analytical data validation for all analytical results generated by the EPA laboratory and that a START-2 chemist will perform a cursory review of the validation procedures and results. The estimate assumes that the START-2 chemist will review the data validation packages prepared by EPA chemists at a rate of two hours per package. The LOE estimate for data validation is (b)(4) 1-95.
- Reporting: It is assumed that the results of the SI will be presented to the EPA in a standard SI Report format that includes an introduction and site background, a description of field activities and methods, a presentation of analytical results (tables and sample location maps), a presentation of the HRS pathways, a discussion of results and potential targets, and conclusions. Production and delivery of the draft SI Report (b)(4) 1-95, owner notification tables (b)(4) 1-95, HRS memorandum (b)(4) 1-95, and recommendations memorandum (b)(4) 1-95 is estimated to take (b)(4) 1-95. Incorporation of EPA comments and production of a final SI Report with associated memoranda (b)(4) 1-95, file close out (b)(4) 1-95, and delivery of all project components on CD-ROM are expected to take (b)(4) 1-95.
- Hours Utilized: As of June 18, 2005, (b)(4) 1-95 have been expended. These hours have been used for project development and site file review, the draft SQAP, and initial writing of the draft SI report.
- Schedule: Field work is scheduled to begin on July 30, 2005. This date was chosen based on the availability of both START personnel to conduct field activities.

Based on the assumptions described above and the attached cost spreadsheet, the anticipated budget for the Atka Cape Kudugnak PA/SI is:

LOE: (b)(4) 1-95
Cost: (b)(4) 1-95

Direct Labor (regular & O/T):
(Including Fringe,overhead, G&A)

Category	Hours	Rate	Total
P4	(b)(4) 1-95		
P4-Corp			
P3			
P3-Corp			
P2			
P2 Corp			
P1			
P1-Corp	(b)(4) 1-95		
T2			

1. Technical LOE
2. Clerical Hrs

Subtotal - Direct Labor

Travel	(b)(4) 1-95		
ODCs			
Computer Usage			
Equipment			
Subtotal			(b)(4) 1-95
Subcontracts			
FEE		OE hour	
TOTAL ESTIMATED COST:			